SPECIAL NOTICES.

Traction Co.

Traction Co.

Notice is hereby given that a special meeting of the stockholders of The Capital Traction Company is called by the president of that company for, and will be field on, the 26th day of April, 1807, at 10 o'clock a.m., at the principal office of the company, at the corner of 36th and M streets n.w. in the city of Washington, D. C. to consider and approve the action of the Board of Directors of the said company in authorizing the issue of the gold bonds of the company to the amount of \$0.000,000 to be dated June I. 1807, and payable June 1. 1847, with 5% interest payable semi-annually in gold, and to secure the same by deed of trust, as authorized by an act of Congress entitled "An Act to amend the charter of the Rock Creek Railway Company of the District of Columbia," approved March 3, 1891; and to direct and authorize the application of the proceeds of suid bonds; all in accordance with resolutions adopted by the Beard of Directors of said company at a meeting held March 20, 1807; and to transact such other business as may properly come before such meeting. A copy of the said resolutions can be inspected at the company's office, or obtained on application or by writing to the Secretary of the company.

The polis will be open from 10 a.m. until 12 m. Respectfully. TO THE STOCKHOLDERS OF THE CAPITAL

The polls will be open from 10 a.m. until 12 m.
Respectfully.
H. D. CRAMPTON, Secy. THE ANNUAL MEETING OF THE STOCKHOLDrife ANVIAL MEETING OF THE SPOCKHOLD-ers of the Citizens' Equitable Building Associa-tion of Georgetown, D. C., will be held at the office of the association, 3068 M st., Monday evening, April 8, 1907, at 8 o'clock, for election of officers and directors, april 3: CHAS P. WILLIAMS, Secretary.

FULTON'S SALE OF UNREDEEMED PLEDGES takes place WFDNESDAY, APRIL TENTH, AT TEN A.M. Ticket holders take notice. No pledges put back on day of sale. ap5-5t

Famous "Roofing Experts." Experts in Roof Work.

A thorough repairing by the Roofing Experts and a coat of Graf-tonic Roof Paint will re-store the roof to first-class condition and add years to its service. Work guaranteed. Grafton & Son, Inc., Rosing Experts, Rosing Experts, Phone M. 760.

The Big Print Shop

is an up-to-date institution. Finest kind of work. Lawyers' Briefs and Motions printed quickly and accurately. Judd & Detweiler, INC. The Big Print : op. 420 22 11th st. n.w. apg-10d

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to do the bookbinding. First-class work turned out. Moderate charges. HODGES' BIG BOOKBINDERY, 420-22 11th, nextStar Try "POCELA."

or cleaning FORCELAIN ENAMELED 10C

HUTCHINSON & McCARTHY, 520 10th st. Coberth Repairs ROOFS. The services we offer are those of the best of practical and expert tinners. Work guaranteed. Coberth, Fractical Tinner, \$12 14th st. n.w. 2739.

805-6d Absolutely Perfect Vision -as well as perfect comfort, is assured when Leese BIFOCAL GLASSES are used. They are best for reading and best for distance.

M. A. Leese, Manufacturing Opticián, 614 9th st. n.w.

DON'T WAIT!

natil hot weather to have your both rooms tiled or repaired. Get my estimate at once.

EDWIN F. ELLETT, 250 452 St. s.w.

MRSI-301,3

All societies and organizations meeting in convention and all employes connected with the government service who desire to attend the Jamestown Exposition can seeme special rates by communicating with Mrs. CARILL. The English Tea Room, 8:3 G st. n.w. until APRIL 15. After that date THE BREAKERS, Ocean View, Va., the Atlantic City of the south. Five minutes trolley ride to the expostion grounds. mb23-tf

COLUMBIA TRANSFER CO NOW LOCATED AT 905 NEW YORK AVE.

Padded vans, \$4 lond; 2-borse wagon, \$3 load.

Moving Packing Shipping Storage. NOTICE TO TAXPAYERS.

Increase the Value of Your Property by Having COLBURN BROS., CONTRACTORS For Cement Pavements, Construct Your Walks, Steps, Copings, Basement and Stable Floors. All Work Guaranteed.

Room 222, Colorado Building. SPIRITUALISM.

CREAT SEANCE FOR MESSAGES AND WON. I manifestations, Wed, and Fri. nights. KEE-S. 1301 Fairmont (Yale) st. 11th or 14th st. Private slate writings daily. Phone N. 5204.

MR. E. MILLON, PSYCHIC, 912 EYE ST. N.W.-CHURCH NOTICES.

UNITARIAN.

ALL SOULS CHURCH, COR. 14TH AND L STS., Ulysses G. R. Pierce, Minister, 9:45 a.m., Sun-day school and class for the camparative study of religion; 10 a.m., Unity Study Class; 11 a.m., p.m., Young People's Religious Union, ap6-2t

SCIENCE NOTES.

Trolley Sleeping Cars.

Trolley sleeping cars are now in regular service on interurban lines in Illinois connecting two large cities 150 miles apart. The ears differ from the conventional sleepeross seats, which make the lower berth, the American people?
and in wooden roller curtains which come.
"I have been glad to learn that you exand in wooden roller curtains which come and in wooden roper curtains which come up out of the floor to form partitions, with eighteen inches between the berth and the partition in which to dress. Each partition has a cloth curtain door. There is

Joining New Concrete to Old.

The difficulty now found in bonding together new and old concrete has been obviated by a recent patent. This bond conneat portland cement. The mixture is at heart." laid in one-eighth-inch to one-quarter-inch layers on the old concrete surface, and immediately followed by new concrete or mortar. The inventor claims the compound to be entirely inscluble, and to form up the work outlined in President Need-a complete and monolithic bond between ham's letter. When he had made up his the old and new works. It is furnished to customers free, they paying the freight and cost of barrels, the cost being covered by a certain royalty per square foot paid to the patentee of the process.

Chairs Made of Grass.

The manufacture of furniture from grass is an important industry in certain parts of the Mississippi valley. The ordinary grass, of course, cannot be used for this purpose. It is the wire grass, which may was the despair of farmers, as it seemed impossible to eradicate it.

A man of an inventive turn of mind con-ceived the idea of twisting the tough growth into twine. From this the next step was to weave the twine into beautiful matting. The idea did not stop here, couches and easy chairs being woven from the tough, pliable material.

Dismissed the Charge.

Thomas Wilkins, colored, eighty-two years of age, was a defendant before Judge DeLacy in the Juvenile Court yesterday. His wife complained that he had

not been supporting her. "Sometimes he gives me 15 cents and then he don't give me nothing," she told the court.

"When were you married to this woman?" the defendant was asked by the "It was just aftah de fall of Richmond, as neah as I kin reckon," Thomas replied.
"Your wife says you don't support her,"

his honor suggested. "When I has any meat and potatoes I allus gives her all she wants." Thomas stated. "But dat er daughtah of mine is de hul caus' of dis here persecution. She used to be a dutiful daughtah; but den she ality; went away to dat place what dev call New York. And since she come back I can't do nothing wif her. She's got some

new ideas. Judge DeLacy was convinced at the close of the hearing that the old man had been doing all he could for his wife, so he dismissed the charge of nonsupport.

COAST-TO-COAST

To Secure Subscription for Endowment Fund.

RETENTION OF DR. HARLAN

Effort in Behalf of George Washington University.

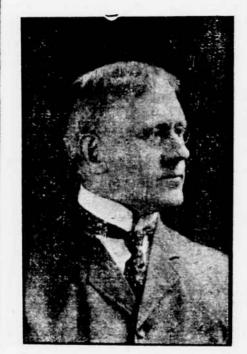
ACTUAL WORK IN THE FIELD

No | Correspondence on the Subject-Wish of First President-Meeting Arranged for Tomorrow.

A coast-to-coast campaign for subscriptions to an endowment fund to make of launched at a meeting to be held tomorrow evening in the office of President Charles W. Needham at the university. In preparation for the campaign it was announced last United States and late president of Lake Forest College, has been retained to take

charge of the actual field work. The announcement of the retention of Dr. Harlan was made through the publication of the correspondence between President Needham and himself. President Needham, learning of the presence here of Dr. Harlan, wrote to him March 25 as follows:

"You have already learned something of "I congratulate your university upon its the comprehensive plans that have been



was placed before the American people by George Washington himself in his last will

"To do this we must have a new, ample, Psychic readings and independent writings on and commanding site; suitable buildings, all subjects, giving the information you wish to know. First: 9 to 4 and 8 to 10 p.m. mb17-30t* been proved that there is among the citizens of the capital sufficient public spirit to provide a splendid site for an institution that is trying to show itself worthy of bearing

the illustrious name of Washington. More Than Local Enterprise.

"But this is far more than a local enterprise, and this leads me, on behalf of our trustees, to make a suggestion which I hope will meet with your approval. It is that you join with us in bringing to the attention of patriotic men and women throughout the land the importance of developing, at the land the importance of developing, at the capital of the nation, a great univer-sity for graduate work that will fulfill the cherished desire of George Washington. Will you not join us in helping to bring er in having revolving chairs instead of such an inspiring plan to the attention of

pect to remain in the work of education; but while sojourning temporarily in Washington could you possibly perform a greater and more far-reaching service to education nothing unusual about the upper berths: than by exerting, for a time, the best efpassengers clamor for them just about the forts in your power in helping to accomplish than by exerting, for a time, the best efsame as on steam lines. The cars are fifty-six feet long and weigh fifty tons each, accommodating only twenty passengers. The service in the large ends we have in view for the George Washington University? With the valuable experience you have had in colaccommodating only twenty passengers valuable experience you have had in col-The service is already in considerable de-lege work and the knowledge you have acquired of the educational needs of the American people, and your wide acquaint-ance in different parts of the country, we believe that you can be of great assistance

"I make this suggestion the more readily because your distinguished father for so many years has been connected with the sists of an extract of coal tar, used in- law department of our university and has stead of water as the mixing agent for the success of the present movement much

To Take Up the Work. It was not until last Tuesday that Dr.

Harlan announced his intention of taking ham's letter. When he had made up his mind he wrote a letter to President Needham, as follows: "The invitation to assist in the effort to enlarge the scope of the George Wash-

ington University has appealed to me very strongly and I have much pleasure in accepting it.

"To those engaged in this enterprise it is an encouraging fact that the plan of establishing a great university at the national capital is older than the nation itbe found in bogs and marshes, that is used. This species of grass is practically wanting in nourishing qualities. For a long time it was the despair of farmers, as it seemed the provided by the properties of the provided by the provided b ommissioners of the District, and he again earnestly advocated it in a speech to both houses of Congress in 1796. His private letters during the closing years of his life also abound in proofs of his absorbing in-

rest in the project.
"How near this flan was to the heart of George Washington is finally shown in that remarkable and long-neglected paragraph his last will and testament, in which he before the American people a splendid vision of a great university at the capital of the nation, in which 'youths of talent from 'all parts of this empire' could acquire 'knowledge in the principes of politics and good government,' and thereby lose those 'state prejudices' and 'local jealousies * * which, when carried to excess, are never-falling sources of disquietude to the public mind, and pregnant with mischlevous consequences to this

Three Chief Functions.

"A careful analysis of all that Washington said and wrote upon this subject shows that, according to his plan, the three chief functions of such a university would be

these: "(1) The creation of the spirit of unity and the deepening of the sense of nation-

"(2) The increase of 'knowledge in the principles of politics and good govern-

"A century of scholars and statesmen has not been able to work out a wiser or It matters little what it is that you want — whether a situation or a servant—a "want" ad. in The Star will reach the person who can fill your need.

The tug Camilla was yesterday hauled out on the marine railway at Alexandria for an overhauling and painting of her hull and for such other repair work as may be necessary in preparation for a busy summer on the marine railway at Alexandria for an overhauling and painting of her hull and for such other repair work as may be necessary in preparation for a busy summer on the marine railway at Alexandria for an overhauling and painting of her hull and for such other repair work as may be necessary in preparation for a busy summer on the marine railway at Alexandria for an overhauling and painting of her hull and for such other repair work as may be necessary in preparation for a busy summer on the marine railway at Alexandria for an overhauling and painting of her hull and for such other repair work as may be necessary in preparation for a busy summer on the marine railway at Alexandria for an overhauling and painting of her hull and for such other repair work as may be necessary in preparation for a busy summer on the marine railway at Alexandria for an overhauling and painting of her hull and for such other repair work as may be necessary in preparation for a busy summer on the first, conducted by

atories-which, perhaps, could never be duplicated in an educational institution at any locality, even at the expenditure of many millions of dollars—would offer ex-traordinary advantages to the advanced student in applied science, independently of

the libraries, laboratories, etc., of the university itself.

Development of Great Schools. "Quite as unique is the opportunity pre sented at the seat of the general government for the development of really great schools of the political sciences, jurisprudence, diplomacy and international law. I am glad to learn that your trustees expect to make such schools as these the leading departments of the enlarged George Washington University. If your new college of political sciences and your department of law (which would embrace all the subjects just mentioned) can be munificently en-dowed and equipped, and manned by the ablest teachers to be found in this country or abroad, the George Washington University would attract advanced students from every state in the Union and, to some extent, from other parts of North and South America.

"The bureau of American republics—whose work and influence are now to be greatly widened by the recent liberal action of Congress and by Mr. Carnegie's wise munificence, which assure to it conspicuous permanent and well-equipped offices in this city-will undoubtedly bring the two Americas into increasingly cordial, reciprocal relations; and the enlarged George Wash ington University might properly expect in time, to attract a goodly number of able young men from all parts of Latin America. George Washington University the typical American university will, it is stated, be launched at a meeting to be held tomorrow of the nation. Witness the Smithsonian Institution, the bureau of education and the great scientific and technical bureaus of the general government; witness the Car-negle Institution of Washington and the evening that Dr. Richard D. Harlan, son of Carnegie Foundation for the Advancement Justice Harlan of the Supreme Court of the of Teaching, whose principal offices are to be removed to Washington; witness the increase in the number of scientific and literary men residing at the capital.

University for Graduate Work.

"The one thing lacking in this much great university for graduate work, along sects. the lines in which the capital of the nation

unsectarian, comprehensive and elastic charter, and upon the solid grounds already tary of the Smithsonian Institution has given for believing that the citizens of the capital will show their great civic pride by supplying a splendid site for an institution earing the name of George Washington.
"When it comes to the additional buildings and endowment that will be needed by the enlarged George Washington University I believe that there are many patriotic men and women throughout the land who will the executors of the last will and testament of the father of his country.
"One great state in the Union and towns

and counties innumerable throughout the and have been named in honor of Washington. 'A colossal shaft of white marble, fit symbol of the purity and dignity of his character,' is his special memorial, dominating the beautiful city bearing his name. But that great university at the capital of the nation—the one monument of himself that he most desired, and for which he may be said to have provided in his own last will-still remains unbuilt. Has not the nation reached that stage in the development of its national consciourness and its sense of unity when what has been aptly called 'Washington's University' should at last be created? "I count myself happy in thus being per-

mitted to do what can to help bring such an inspiring program to the attention of the American people." Meeting Tomorrow Evening. The meeting to be held tomorrow even-

ing in President Needham's office will be Rev. Dr. Richard D. Harlan.

formed by the trustees and faculties and friends of the George Washington University at the capital of the statesmanlike ideal for a great university at the capital of the nation which is in general that Conducted personally and called to order at 8:39 o'clock, when it is formed by the trustees and faculties and friends of the George Washington University at the capital of the statesmanlike ideal for a great university at the capital of the nation which is in general charge of the movement, will be prepared to outline a tentative plan for the statesmanlike ideal for a great university authorities be
Two reports have been published by the fare and contentment of the enlisted men of investigators in giving these spaces show how at a loss they have been for any definition and two more are shown how at a loss they have been for any definition and two more are shown how at a loss they have been for any definition and two more are shown how at a loss they have been for any definition and two more are shown how at a loss they have been for any definition and two more are shown how at a loss they have been for any definition. The depression central in Alabama Friday finity is passing off to great will be minded the fare and contentment of the enlisted men of investigators. The officers are: President, Mrs. George Weather conditions and general forcast:

The depression of the subskin "air the fare and contentment of the enlisted men of investigators. The officers are: President, Mrs. George Weather conditions and general forcast:

The depression of the subskington university authorities be
Two reports have been published by the fare and contentment of the enlisted men of investigators. The fertility of the minds of investigators in giving these spaces some function is convincing evidence to find the contentment of the enlisted men of investigators. The fertility of the manure Sunday, followed by fair in the diventment of the president New and Contentment of the president New and Contentm country. The university authorities be-lieve that the response from patriotic Americans will be prompt and generous. Wish of First President.

> George Washington, in his last will and testament, written in his own hand and executed on the 9th of July, 1799, said:

"It has been my ardent wish to see a plan devised, on a liberal_scale, which would have a tendency to spread systematic ideas through all parts of this local attachments and state prejudices (as far as the nature of things would, or in-deed ought, to admit) from our national councils. "Looking anxiously forward to the ac-

complishment of so desirable an object as this is (in my estimation), my mind has not been able to contemplate any plan more likely to effect the measure than the establishment of a university in a central part of the United States, to which the youths of fortune and talents from all parts thereof might be sent, for the com-pletion of their education in all the branches of polite literature, in the arts and sciences, in acquiring knowledge in the principles of politics and good government; and, as a matter of infinite im-portance, in my judgment, by associating with each other, and forming friendships in juvenile years, be enabled to free themselves in a proper degree from those local prejudices and habitual jealousies which have just been mentioned, and which, when carried to excess, are never-failing sources of disquietude to the public mind, and pregnant with mischlevous conse-quences to this country."

Well Deserves Attention.

In a speech to both houses of Congress, December 7, 1796, President Washington

said: "Among the motives to such an institu tion, the assimilation of the principles, opinions and manners of our countrymen, by the common education of a portion of our youth from every quarter, well deserves attention. The more homogeneous our citizens can be made in these particulars the greater will be our prospect of permanent union; and a primary object of such a na-tional institution should be the education of our youth in the science of government. "In a republic what species of knowledge can be equally important, and what duty more pressing on its legislature, than to patronize a plan for communicating it to

those who are to be the future guardians of the liberties of the country? Again, writing from Philadelphia to the commissioners of the Federal District, January 28, 1795, Washington said: uary 28, 1795, Washington said:
"The federal city, from its centrality and the advantages which in other respects it knew how, to soar at will. must have over any other place in the United States, ought to be preferred as a

proper site for such a university. What President Roosvelt Says. In a recent communication to President

Needham, President Roosevelt said: "Pray accept the assurance of my hearty sympathy in your work. I am delighted to

Tugs Being Overhauled.

The tug Capt. Toby will this week be hauled out on the marine railway at Bennett's boatyard to be fitted with a new wheel. It is stated that the Capt. Toby broke her wheel while working in one of the shoal creeks down the river, but the damage done her was not serious enough to put her out of commission. The Capt. Toby will be out of commission but about a haif day while repairs are being made.

The little tug Powhatan, which has been out on the railway to have a new rudder

put on and for other repair work to her hull, has been completed and was put overboard yesterday. After some minor re-pair work to her machinery she will go in service at the Long bridge, towing lighters laden with material from the old structure. The work of overhauling the boiler and machinery of the tug D. M. Key of the Taylor fleet is being pushed and will be completed within the next day or two and the boat will go in service during the week. Which serve to attach easily one feather terest of 'the advancement of agriculture, commerce and manufactures.'

Capt. Charley Raley will have command of her and she will be employed in towing structure. about the harbor.

The tug Camilla was yesterday hauled out preparation for a busy summer been completed under the direction of Dr. \$50,000 for the fiver.

graduate or post-graduate work, including professional courses. "The magnificent government libraries, apparatus and labor-INVESTIGATIONS

Into the Secret of the Flight of Birds and Insects.

UNDER THE HODGKINS FUND

Aid Given by the Smithsonian Institution.

A FURTHER GRANT SIGNED

The Object Being to Discover the Ultimate Extension of Man's Control Over the Air.

What is the secret of the flight of birds and insects? How much of this secret can be discovered and applied to the practical use of man? To answer these questions from thoroughly scientific observations is the ultimate object of a series of investigations by Dr. R. von Lendenfeld of the Zoological Institute, Prague, conducted under a grant from the Smithsonian Institution at Washington. Machines sustained by gases lighter than air have been found unwieldy and impracticable. If man is ever to be carried through the atmosphere, it is now generally conceded it must be by application of some scientific prindesired direction is the development of a ciple involved in the flight of birds and in-

Dr. von Lendenfeld's researches, extending over a period of about six years, have brought to light some vitally interesting facts so full of possibilities that the secrejust signed a further grant to enable the continuance of the work.

The fund from which these grants are made, established in 1891 by Mr. Thomas George Hodgkins of Setauket, N. Y. amounted to \$200,000, the income from one-half of which is devoted to "the increase and diffusion of more exact knowledge in regard to the nature and properties of atmospheric air in cornection with the wel-fare of man." The object of this fund has been interpreted very broadly

Flight of Birds and Insects. To discover the secret of the flight of

birds and insects is a purpose to which a portion of the income of the Hedgkins fund has been devoted. It is an object touching directly upon human progress. The fund, therefore, lends material support to experiments which may mean the ultimate extension of man's control over an element hitherto unconquered.

present grant to Dr. von Lendenfeld is for the special purpose as Secretary Wal-cott says, "to make a thorough and exact investigation of the organs of flight of the best representative flyers of the insect order. In this investigation the wings of insects are to be considered in relation to the mechanics of flight as well as from a purely morphological point of view." This research follows naturally upon conclusions which Dr. von Lendenfeld has already reached in work conducted personally and under his direction for a number of years

Dr. von Lendenfeld's first work under a Smithsonian grant was performed in 1900 It consisted mainly of general studies into structure and functions of the organs of flying creatures as a preparation suitable for researches into the actual mechanics of flight. Since then much of his time has been taken up in personal laboratory investigations or in directing investigations of his pupils in the university at Prague.

The first set of experiments, completed about three years ago, brought out some continue facts concerning the wings of black. curious facts concerning the wings of birds in relation to the weight of their bodies. It was established beyond a doubt that some property of air enabled the larger and heavier birds, such as the albatross and eagle, to sustain their weight with comparatively much smaller wing surface. It was worked out by analogy that, given the secret of control of motion, a man welghing 200 pounds (90 kilograms) could sail through the air with a sustaining wing surface of about three square yards (2.7

All Do Not Fly Alike.

But when Dr. von Lendenfeld turned to consider the actual mechanics of flight he was confronted immediately by the fact that all birds by no means fly alike. In fact, there could hardly be established a mean similarity between all the varieties. From the great soaring albatross and sea eagle, which may sail for half an hour without the quiver of a feather, to the whirring sparrow and the buzzing humming bird, which rely for support solely upon the rapid movement of their wings. there is a long line of flyers. These two extremes, the albatross and the humming bird, the experimenter took as types.

sects, also, he found could be classed in a like manner. Among both birds and insects, however, the sallers were found not to be restricted to the large creatures and the flappers to the small. On the contrary, there were discovered creatures of all sizes in each group. In the sailer class the lemon butterfly was placed beside the stork and the silver gull beside the dragon fly. The flapper class embraced flyers from the buzzard and pheasant to the house fly and the gnat. In this study of flight method, therefore, the question of size led to no conclusions

Muscular power was an element to be considered. Dr. von Lendenfeld was sat-isfied that the flappers were gifted with much stronger muscles than the sailers. And merely for illustrative purposes, since he does not consider the feasibility of attaching wings to man, he found that, al-though a human being could not immediately develop enough muscle to join the flapper class, he might well be able, if he All these conclusions hinged upon the in-

teresting phenomenon that the increase in weight to be carried through the air is not proportional to the necessary increase in size of the supporting surface—that is, the larger the bird the smaller in proportion are the wings. The results can be explained "only upon the supposition that the resistance of the air against moving wings is not directly proportional to their learn that the chances are now so good for obtaining the necessary funds to put George Washington University firmly on its feet. I congratulate you upon the work that the university has already done, and in common with all good citizens I wish you all possible prosperity in the future."

Size, but that in resisting power of the air against them increases in a greater ratio than their superficial dimensions. Knowing that the air requires an appreciable time to yield to the pressure of the moving wing, and the larger the wing surface the greater the quantity of air displaced and the greater the resistance of this compressed air to the subsection. quent wing stroke which must act upon it, it is evident that this conclusion is correct.

Principle of Compressed Air. Upon a principle of compressed air, therefore, may rest the ultimate solution of man's flight above the earth.

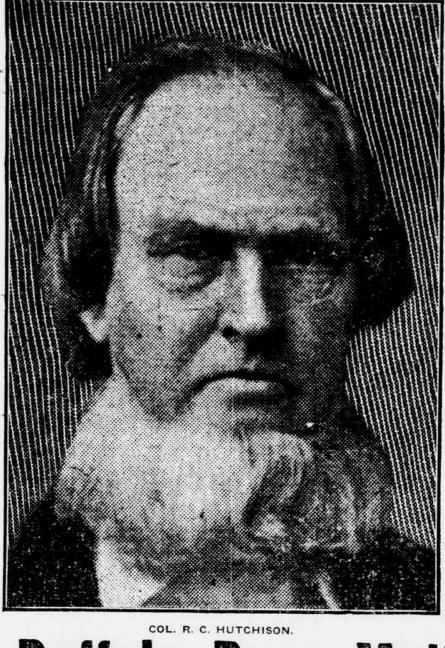
At the same time that Dr. von Lendenfeld

was working out these facts, Dr. E. Mas-

cha, studying under his direction at the

institute was determining what magic there might be in the feather structure of birds' wings. His results show how perfect for its purpose is the lapping of the feather quills one over another. The happy combination of strength and light-ness so vividly pictured in this flexible Spring Foot Ball Training. structure is a combination the value of which is more widely realized in commer-NEW YORK, April 6.- The move made by the Harvard foot ball authorities to abolish clal construction every day. On the under side and at the ends of the feather fibers, spring training, while it has aroused considto another to make up one whole wing structure. Tapering with greater and greater flexibility toward the back and ends of the wing, these feathers make pos-After Big Air-Flight Prize.

Throat and Lung **Troubles Cured at 87**



Col. R. C. Hutchison of Chattanooga, Tenn., amazed at his miraculous recovery after suffering for seven years from throat and lung troubles, praises DUFFY'S PURE MALT WHISKEY for his complete restoration to health,

who is spending the present whater in Corpus Christi, Texas, has been enrolled a member of the Century Club of the First Baptist Church, Portland, Oregon.

His friends in the South are complimenting him on the vigorous state of his health. This is due, he claims, to the

"I can give an account of sickness dispelled and health restored which is little short of a miracle. For more than seven years I was subject to all manner of throat and lung troubles, and there was scarcely a day that I could leave my bed or reclining chair. My good old doctor, who has been a life-long friend, recommonded DUFFY'S PURE MALT WHIS-KEY when the remedies usually prescribed for laryngitis and bronchitis failed. As you may imagine, the diseased condition was chronic by this time. I took it and at once began to improve. In writing my application for membership in the Century Club of the First Baptist Chuich, Portland, Oregon, of which I am an honorary member, I said I was indebted to DUFFY'S PURE MALT WHISKEY for my improved state of health. I am now in my 87th year, and have a good appetite, good digestion and a better use of my limb, than I formerly had, due to the use of DUFFY'S PURE

Duffy's Pure Malt Whiskey

If you wish to keep strong and vigorous and have on your cheeks the glow of perfect health, take Duffy's Pure Malt Whiskey regularly, according to directions, and take no other medicine. It is dangerous to fill yourself with drugs, they poison the blood, while Duffy's Pure Malt Whiskey tones and strengthens the heart action and purifies the entire system. It is the only whiskey that is recognized as a medicine. This is a guarantee. Duffy's Pure Malt Whiskey has stood many severe tests by learned chemists during the past fifty years, and has always been found absolutely pure and to contain great medicinal properties. great medicinal properties.

It's the only absolutely pure medicinal malt whiskey and is sold only in scaled bottles—never in bulk. Look for the trademark the "Old Chemist," on the label, and make sure the scal over the cork is unbroken. Price, \$1.00. Illustrated medical booklet and doctor's advice free. Duffy Malt Whiskey Co., Rochester, N. Y.

DISTRIBUTER, N. SHEA, 632 PENNSYLVANIA AVENUE N.W.

Dr. Bruno Muller, was designed to deter mine the use of certain empty spaces in the bodies of birds which have puzzled investigators for many years. The second had to do with the flight of four-winged insects.

The "air sac" investigation is just reported to the Smithsonian. Theories filling these curious cavities near the lungs and under the skin of birds. Reasons which would preclude the possibility of man's ever navigating in the atmosphere have there has separately been assigned two functions—to help raise the feathers and to preserve bodily heat. To the empty spaces near the lungs, however, have been attributed powers even more wonderful. It has been said that they serve as resonations and the distributed powers are more wonderful. It has been said that they serve as resonations of the Mississippi pressure is low, there being two centers of depression, one in North Dakota and the other in Tayas. This has been said that they serve as resona-tory organs for producing certain tones, that they perform respiratory functions, that they help reduce the specific gravity that they help reduce the specific gravity showers. On the north Pacific coast and of the body, that they act similar to a over the northern plateau rain continues. barometer in determining height, that they aid in fixing the wings in an extended ern districts. position, that they assist the digestion, that they insure equilibrium in flight, and that they are storehouses for air for respiration Nevertheless he reaches a very simple con-

clusion. He says: Dr. Muller's Conclusion.

"I do not consider the air sac system as a whole . . as a collection of organs having special functions, but rather a system of emptyinterspaces. Its value lies in its vacuity, that is, in its containing nothing that can offer a great resistance or that has notable weight.

"Flying is the most complete kind of locomotion, and as such presupposes a high degree of bodily efficiency. Our most effective machines are by no means those which are compact and solid, but those composed of parts that are as strong as possible and arranged in the most appropriate manner, the interspaces being

taken up by air." There is apparently nothing, therefore, in the "air sac" system in birds which should prevent the construction of a flying ma-

chine upon similar principles. The findings in the second report just received are equally vital to the problem of mechanical night. Dr. Leo Walter, another of Dr. von Lendenfeld's assistants, has been examining the working of the flying apparatus of four-winged insects. The stroke, says Dr. Walter, is a curious one. It is like a figure 8, with a small upper loop—a stroke which might be re-produced mechanically. A careful study has been concluded of the method by which the hind wings are attached to the fore wings, since the strength of the stroke seems to come from the front wings. In some insects a curious set of tiny bristles on the upper side of the back wing reach into a little band of hair and join to scales on the under side of the fore wing, making the two wings practically one. In others a series of hooks on the upper lock with a corresponding series on the lower.

Just what principles of nature brought out in these researches may be applied to practical use in a flying machine-taking the word literally-is yet to be determined. The complete discovery, however, of the secret of suspension and locomotion involved in the flight of birds and insects is the first step in the solution of mechanical navigation in the air. The theory once established without a doubt, engineers may incorporate all practical features in the construction of a machine. The object of Dr. von Lendenfeld's work under the Hodgkins grants of the Smithsonian Institution is to find facts upon which firmly to establish a theory.

Lacrosse Team Going to Australia. TORONTO, Ont., April 6 .- Arrangements have been completed for the trip of a team representing the Canadian Lacrosse Association to Australia. The team will leave here June 1, and on the way to Vancouver will play games in Chicago, St. Paul, Winnipeg and Calgary.

Hampton Roads Yacht Races. NORFOLK, Va., April 6 .- The Jamestown

exposition yacht racing commission has formulated rules to govern the contests to be held in Hampton roads this summer. In the main they are the ones adopted by the

erable interest in college athletic circles, is not likely to be followed by the other in-stitution teams, at least not this season.

after all else had failed.

This well-known and popular soldier,

use of DUFFY'S PURE MALT WHISKEY.

MALT WHISKEY." - Colonel R. C. HUTCHISON, Chattanooga, Tenn. Nov.

CAUTION-When you ask your druggist, grocer or dealer for Duffy's Pure Malt Whiskey be sure you get the genuine,

WEATHER FORECAST. Clearing and Warmer Today-Tomor-

row Increasing Cloudiness. Forecast for Sunday and Monday: For the District of Columbia and Virginia, clearing and warmer Sunday. Monday, in-

For Delaware and Maryland, rain and

Much colder weather prevails in northeast-The weather Sunday will be unsettled in the middle Atlantic states with the prob-ability of rain in Pennsylvania, New Jersey, Delaware, Maryland, the District of Co lumbia and Virginia. Rain is also probable in the Miss'ssippi valley, and on Monday in the Ohio valley, the lake region and the east gulf states. It will be warmer in the lake region and the Ohio valley.

The winds along the New England coast

will be light and variable; on the middle Atlantic coast light to fresh southeasterly; on the south Atlantic coast light and variable, and on the gulf coast fresh southeasterly.
Notice: The display of storm warnings on Lakes Superior Michigan, Huron, St. Clair, Erle, Ontario and Pepin will be re-

sumed for the season on April 10, 1907. Temperature. Midnight, 47; 2 a.m., 40; 4 a.m., 37; 6 a.m., 36; 8 a.m., 35; 10 a.m., 36; 12 noon, 37; 2 p.m., 40; 4 p.m., 40; 6 p.m., 36; 8 p.m., 32; 10 p.m., 33; maximum, 47; minimum, 32 Relative Humidity.

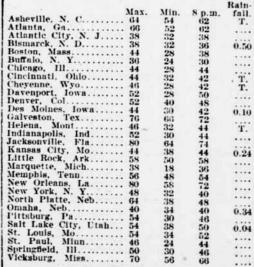
Eight a.m., 56; 2 p.m., 45; 8 p.m., 89; Temperature same date last year-Maximum, 64; minimum, 41. Tide Tables.

Today-Low tide, 9:50 a.m. and 10:40 p.m.; high tide, 3:10 a.m. and 3:45 p.m. Tomorrow-Low tide, 11:60 a.m. and 11:38 p.m.; high tide, 4:20 a.m. and 4:52 p.m. The Sun and Moon.

Today-Sun rose, 5:38 a.m.; sun sets, 6:28 Tomorrow-sun rises, 5.36 a.m. Moon rises, 3:36 a.m. tomorrow, The City Lights. he city lights and naphtha lamps all lighted by thirty minutes after sunset; extinguishing begun one hour before sunrise. All are and incandescent lamps lighted

ed forty-five minutes before sunrise, Temperatures in Other Cities.

fifteen minutes after sunset and extinguish



DRILL AT FORT MYER.

Exhibition in Interest of Army and

Arrangements have been made for a fete and exhibition drills at Fort Myer for the benefit of the Woman's Army and Navy League next Wednesday, April 10, from 1 Atlantic coast conference last year, and League next Wednesday, April 10, from 1 which the clubs abroad refused to take up. to 7 p.m. The drills will take place in the riding hall, the first at 2:15 o'clock, by Troop F of the 13th Cavalry, commanded by Capt. Guy Preston, and in charge of Lieut. H. S. Berry; the second at 4 o'clock, by Troop H. 13th Cavalry, commanded by Capt. Erwin L. Phillips. The saddle squad will be in charge of Lieut. L. L. Dietrick, and the bareback squad in charge of Lieut. B. T. Merchant. This troop, which is considered one of the best in the army, makes its drill unique by giving a saber drill its drill unique by giving a saber drill mounted and Butt's manual of the saber

o'clock on the parade ground, under the direction of Capt. Edward B. Cassatt. In the administration building there will be dancing and a promenade concert. A vaudeville performance will be given in the gymnasium, under the management of Mrs. Alexander Sharp.

The object of this society is to assist or

lustrated papers and games for the amusement of the men, and to endeavor in every way possible to promote the general welorary vice president, Mrs. Frederick Town-send, Albany, N. Y.; secretary, Mrs. W.

to support clubs or homes for soldlers, sailors and marines; to send books and il-

W. White; assistant secretary Miss Remey treasurer, Mrs. Richard C. DuBols. Executive members-Army: Mrs. Anson Mills, Mrs. J. C. Kelton, Miss Isabel Freeman, Mrs. E. A. Koerper, Mrs. J. Franklin Bell. Navy: Mrs. Royal B. Bradford, Mrs. W. T. Sampson, Mrs. F. F. Jewell, Mrs. B. J. Cromwell, Mrs. Silas Casey.

INTERESTING TOY. Cat Springs at the Mouse, But the

Latter Luckily Escapes. Toys for the amusement of the youngsters very often prove equally interesting to the older folk. After a very trying and nerve-racking day at the office many a business man will find infinite pleasure and relaxation in explaining the intricacies of some novel toy to the children. The illustration below shows one of the most recent toys patented. It consists of a small platform holding a small cir-cular box at one end. Close to a hole in the box is a mouse, while at the other end is the ever-watchful cat. In the center of the platform is a guideway. Attached to the mouse and the cat is an elastic band, directly under the guideway. Normally, the catch is held at the far end of the plat-



The Elusive Mouse. form by a spring releasing the catch; the

cat springs after the mouse; but, unfortu-,

nately, the mouse simultaneously disap-pears into the hole in the box. Although simple, this toy would prove interesting to They Were Properly Worn.

"They have been telling in London lately a story about an English girl who has adopted this riding rig. Pulling up her

horse one afternoon, she said to an arti san who was passing 'Can you tell me if this is the way to Wareham?' "The man looked her over carefully. Then he touched his cap in a respectful manner and replied:

CHICAGO, April 6.-The date for the automobile show in this city has been defi-nitely settled, November 30 being selected.

Chicago's Automobile Show.

NEW YORK, April 6.-The first pole match this season between Squadron A, Na-

the young ones. 0.24 Mrs. Hwfa Williams, the English society leader, talked at a dance in New York about the fashion of riding astride that has taken hold of English equestriennes. "Some of our young women," said Mrs. Hwfa Williams, "dress out and out like men. They wear a long coat cut like a hunting coat, a cap, riding breeches and top boots. It is a handsome costume, and it is not immodest, but undoubtedly it attracts a good deal of attention.

"'Yes, miss, yes-you seem to 'ave got 'em on all right."

Military Polo Matches.

After Big Air-Flight Prize.

LONDON, April 6.—A large amount of secret aeroplane building is going on in this country, due to the Daily Mall's offer of will also drill. Music will be furnished by the first flight between London the 13th Cavalry Band.

mounted and Butt's maintain of the salest match this season between Squadron A, National Guard of New York, and West Point will be played on the parade ground at West Point May 25. The return game will the 13th Cavalry Band. The outdoor sports will be held at 2:30 be played later in the season at Van Cort-